

CENTRAL FAX CENTER

**MORRIS & AMATONG, P.C.**

INTELLECTUAL PROPERTY LAW INCLUDING PATENT, TRADEMARK, COPYRIGHT LAW,  
 UNFAIR COMPETITION AND RELATED MATTERS  
 10260 WESTHEIMER SUITE 360  
 HOUSTON, TEXAS 77042

PAULA D. MORRIS  
 ALBERTO Q. AMATONG, JR.  
 RANDALL C. FURLONG

CUSTOMER NO. 23770

JAN 30 2007

### Certificate of Facsimile Transmission Under 37 CFR 1.8

I hereby certify that this correspondence is being transmitted via facsimile transmission in accordance with 37 CFR 1.8 on the date indicated below addressed to:

Commissioner for Patents  
 PO BOX 1450  
 Alexandria, VA 22313-1450

on January 30, 2007  
 Date

(571) 273-8300  
 Facsimile Number

No. of Pages including  
this cover sheet: 10



Linda Sengvong

Typed or Printed Name

## Attached are the following pages:

1. Response to Non-Final Office Action mailed October 30, 2006 [9 pages].

Applicant: Dean M. HomanGroup Art Unit: 2862Serial No.: 10/812,369Examiner: Bot L. LeDynchFiling Date: March 29, 2004Atty. Docket No.: 24.0852Title: Subsurface Electromagnetic Measurements Using Cross-Magnetic Dipoles

10260 WESTHEIMER, SUITE 360, HOUSTON, TX 77042 TELEPHONE: (713) 334-5151 FAXIMILE: (713) 334-5157  
 pmorris@morrisiplaw.com samatong@morrisiplaw.com rfurlong@morrisiplaw.com

RECEIVED  
CENTRAL FAX CENTER

Appl. No. 10/812,369

Amtd. Dated January 30, 2007

Reply to Office action of October 30, 2006

JAN 30 2007

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Dean M. Homan	§	
Serial No.:	10/812,369	§	Group Art Unit: 2862
Filed:	March 29, 2004	§	Examiner: LeDynch, Bot L.
Title:	Subsurface Electromagnetic Measurements Using Cross-Magnetic Dipoles	§	Atty. Docket No.: 24.0852

Commission for Patents  
PO BOX 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NON-FINAL OFFICE ACTION MAILED OCTOBER 30, 2006**

In response to the Non-Final Office Action dated October 30, 2006, please amend the above-identified U.S. patent application as follows:

**The Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.